

Appl. No. 10/017,513  
Amendment dated May 4, 2004  
Reply to Office action of March 29, 2004

**In the claims:**

Please amend the claims as follows:

**Claim 1.** (currently amended): An audio monitoring and signal processing apparatus including in combination:

- a) a plurality of audio signal inputs,
- b) a selector for selecting the audio signal which may be present at one of said inputs of a),
- c) a signal processing section responsive to process said selected signal of b) to provided a processed signal,
- d) a plurality of output circuits, each responsive to said processed signal of c) to output said processed signal in a distinct known form,
- e) a monitor circuit responsive to said selected signal of b) and/or said processed signal of c) to provide audible and/or visible monitoring thereof.

**Claim 2.** (original): An apparatus as claimed in claim 1 further including:

- f) parameters which are established in manufacture and/or by an operator wherein said elements b) and c) operate in response to said parameters such that the selecting of b) and/or the processing of c) may automatically change in response to at least one signal present on one said input of a).

**Claim 3.** (original): An apparatus as claimed in claim 1 or 2 further including a mixing element operable to mix a second signal with said selected signal of b) as part of providing said processed signal of c).

**Claim 4.** (currently amended): An audio monitoring and signal conversion method including in combination:

- a) providing a plurality of audio signal input connections,
- b) selecting one of the audio signals which may be present at one of said input connections of a),

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- c) processing said selected signal of b) to provide a processed signal,
- d) outputting said processed signal of c) in a plurality of distinct known forms,
- e) monitoring said selected signal of b) and/or said processed signal of c) in audible and/or visible form.

**Claim 5.** (original): A method as claimed in claim 4 further including the step of:

- f) utilizing parameters which are established in manufacture and/or by an operator such that the selecting of step b) and/or the processing of step c) may automatically change in response to at least one signal present on one said input connection of a).

**Claim 6.** (original): A method as claimed in claim 4 or 5 further including a mixing step operable to mix a second signal with said selected signal of b) as part of providing said processed signal of c).

**Claim 7.** (new): An audio monitoring and signal conversion method including in combination:

- a) providing a plurality of audio signal input connections,
- b) selecting one of the audio signals which may be present at one of said input connections of a),
- c) processing said selected signal of b) to provide a processed signal,
- d) outputting said processed signal of c) in a plurality of distinct known forms at least one of which is analog and at least one of which is digital,
- e) monitoring said selected signal of b) in audible and/or visible form.

**Claim 8.** (new): An audio monitoring and signal conversion method including in combination:

- a) providing a plurality of audio signal input connections,
- b) selecting one of the audio signals which may be present at one of said input connections of a),

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- c) processing said selected signal of b) to provide a processed signal,
- d) outputting said processed signal of c) in a plurality of distinct known forms at least one of which is analog and at least one of which is digital,
- e) monitoring said processed signal of c) in audible and/or visible form.

**Claim 9. (new):** A method as claimed in claim 7 or 8 further including the step of:

- f) utilizing parameters which are established by an operator such that the selecting of step b) and the processing of step c) automatically change in response to at least one signal present on one said input connection of a).

**Claim 10. (new):** A method as claimed in claim 7, 8 or 9 further including a mixing step operable to mix a second signal with said selected signal of b) as part of providing said processed signal of c).